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## RADE AND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete if Known					
Application Number	10/734,936				
Filing Date	December 12, 2003				
First Named Inventor	Wonchul Suh				
Group Art Unit	Unknown /636				
Examiner Name	LIAKAOWA LAURA MCG, LLEW				
Attorney Docket Number	CL1878 US NA .				

				U.S. PATENT DOCUM	MENTS	
		U.S. Patent Docu	ment	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials *	Cite No.1	Number Kind C		of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FAM		6,355,412	B1	Stewart et al.	03/12/2002	
FIM		6,509,156	B1	Stewart et at.	01/21/2003	
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Lim	Ì	wo	99/29837	A2	Stewart et al.,	06/17/1999	≈ 6,074,853	
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Examiner Signature	Lama MoSeller	Date Considered	11/30/2005	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark hee if English language Translation is attached.

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## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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Sheet of 2

	Complete if Known
Application Number	10/734,936
Filing Date	December 12, 2003
First Named Inventor	Wonchul Suh
Group Art Unit	Unknown: 1636
Examiner Name	Unknown LAURA MCGILLEW
Attorney Docket Number	CL1878 US NA

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Llin		Murphy et al., PCR-mediated gene replacement in Escherichia coli, Gene, 246: pp. 321-330, 2000	
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Sim		Datsenko and Wanner, One-step inactivation of chromosomal genes in Escherichia coli K-12 using PCR products, PNAS, Vol. 97: pp. 6640-6645, 2000	
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Examiner Signature	Lama Mobiller	Date Considered	11/30/2005
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

	Complete if Known	
Application Number	10/734936	
Filing Date	December 12, 2003	
First Named Inventor	WONCHUL SUH	
Group Art Unit	1641- 1636	
Examiner Name	UNKNOWN LAURA MCGILL	EM
Attorney Docket Number	CL1878USNA	

	U.S. PATENT DOCUMENTS							
Examiner	Cite		cument Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
tnitials *	No.1	Number -	Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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	FOREIGN PATENT DOCUMENTS							
Examiner Cite		Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant			
Initials*		CountryCode <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	T <sub>6</sub>		
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Examiner Signature Date Considered 11/30/2005				
Uightatare 1	Examiner Signature	Lama	modele:	11/30/2005

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ranguage translation is effection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet of 1

Complete if Known			
Application Number	10/734936		
Filing Date	December 12, 2003		
First Named Inventor	WONCHUL SUH		
Group Art Unit	1841 1636		
Examiner Name	UNKNOWN LAURA	MCGILLEM	
Attorney Docket Number	CL1878USNA		

Examiner Initials *	Cite No. <sup>1</sup>	the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
SAM	1	UNITED STATES PATENT APPLICATION PUBLICATION NO. 2004/0219629 A1, PUBLISHED 11/4/2004, CHENG ET AL., Increasing Carotenoid Production in Bacteria Via Chromosomal Integration	
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Examiner Signature		Laura M. Della Date 11/30/2005	

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